

**To:** Peterson, Mary[Peterson.Mary@epa.gov]  
**From:** Manzanilla, Enrique  
**Sent:** Thur 4/28/2016 1:57:56 PM  
**Subject:** Re: Lead clean up sites summary document

Thanks Mary. See you soon.

Sent from my iPhone

> On Apr 28, 2016, at 6:48 AM, Peterson, Mary <Peterson.Mary@epa.gov> wrote:

>

> Enrique,

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> We have one comment/clarification on the R7 site: The excavations were performed in 6" lifts to achieve <400 ppm lead or 12" depth.

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> Here is a suggested revised paragraph:

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> The Omaha Lead Superfund Site includes surface soils present at residential properties, child-care centers, and other residential-type properties in the City of Omaha, Nebraska that were contaminated as a result of deposition of air emissions from historic lead smelting and refining operations. At the site, about one out of three residential yards have lead in the soil at concentrations above the health-based limit of 400 parts per million (ppm). During the lead cleanup, EPA removed contaminated soil in 6" lifts to reach lead concentrations below 400 ppm or a depth of 12" in yards and two feet in depth in gardens (where produce would be grown for consumption).

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> Thanks for the opportunity to review this.

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> -----Original Message-----

> From: Manzanilla, Enrique

> Sent: Wednesday, April 27, 2016 11:06 AM

> To: Peterson, Mary <Peterson.Mary@epa.gov>; Bilbrey, Sheryl <bilbrey.sheryl@epa.gov>; Melvin, Karen <Melvin.Karen@epa.gov>; Woolford, James <Woolford.James@epa.gov>; Fleming, Sheila <fleming.sheila@epa.gov>

> Cc: Scozzafava, MichaelE <Scozzafava.MichaelE@epa.gov>; Lyons, John <Lyons.John@epa.gov>; Cheatham, Reggie <cheatham.reggie@epa.gov>; Lindsay, Nancy <Lindsay.Nancy@epa.gov>; Harris-Bishop, Rusty <Harris-Bishop.Rusty@epa.gov>; Parker, Heather <Parker.Heather@epa.gov>; Yogi, David <Yogi.David@epa.gov>; Zito, Kelly <ZITO.KELLY@EPA.GOV>; Keener, Bill <Keener.Bill@epa.gov>; Richardson, RobinH <Richardson.RobinH@epa.gov>; Kao, Jessica <Kao.Jessica@epa.gov>; Ammon, Doug <Ammon.Doug@epa.gov>

> Subject: Lead clean up sites summary document

> Importance: High

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> Colleagues:

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> We are currently directly and indirectly involved in lead contaminated soil clean ups throughout Region 9. And as some of you are aware, the State of California is leading a massive facility closure and residential lead clean-up effort for the now closed Exide battery recycling facility near east Los Angeles. Over the course of the last several months and triggered by the Exide effort, we have had numerous inquiries from congressional offices, local officials, and ngo's about the EPA's role and experience in these types of clean ups. In light of those inquiries, we thought it would be useful to compile information about past and ongoing EPA lead cleanups, both in Region 9 and at a national level. More specifically, we have gathered information on the duration of cleanups, the number of properties addressed, lead levels prior to cleanup, and the cleanups' total cost. Though our RA has had particular interest in larger, more urban cleanups, the cleanups we've described are relatively varied and include removal and remedial

actions in Regions 3, 7, 9, and 10. We've compiled the attached information about EPA lead cleanups through discussions within R9 and with staff in other regions and would appreciate your and your staff's review for accuracy. Again, we are looking to use the attached document as a "fact sheet" on examples of medium and large scale lead clean-up efforts to be distributed when we receive external inquiries.

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> Let us know what you think and if you have any concerns about the information presented. Also, we may adjust the format a bit as we move towards a public document.

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> Thanks very much for your help and attention.

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> Enrique

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